

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

RECORD OF WELL

P892  
Carmel 15' good  
15' 8.55, 1.85

Locate well on plat of section.

1. Location: State New York County Putnam  
Nearest P. O. \_\_\_\_\_ Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles; \_\_\_\_\_ 1/4 sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number \_\_\_\_\_

2. Owner: Herman Johnston Address Quakopac, N. Y.  
Driller: James Malachuk Address Croton Falls, N. Y. 7-350

3. Situation: Is well on upland, in valley, or on hillside? hillside

4. Elevation of top of well: 630 ft. above the level of mean sea level  
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: Drilled; kind of drilling rig used st  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 225 ft.; year in which well was finished 1954  
Does well enter rock? Yes; if so, at what depth? 163 ft.; kind of rock dark bedded quartz? hornblende?

7. Diameter: At top 5 inches; at bottom 5 inches.

8. Principal water bed: Pre-Cambrian gneiss (geol. map.)  
(Gravel, sand, clay, or rock. If rock, state kind)  
Depth to principal water bed \_\_\_\_\_ ft.; thickness of bed \_\_\_\_\_ ft.

If other water supplies were found, give depth to each 5± gpm at about 75 ft.

9. Casings: Kind metal; size 5"; length 187 ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Packers (if any): Depth at which packers were used \_\_\_\_\_; kind \_\_\_\_\_

Screen or Strainer: Was well finished with screen? \_\_\_\_\_; kind of screen \_\_\_\_\_  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

10. Head: Does well at present overflow without pumping? \_\_\_\_\_; did it overflow when new? \_\_\_\_\_

if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;

original pressure or head \_\_\_\_\_; if not flowing, give water level in well 49 ft. below surface.

11. Pump: Is the well pumped? not yet; kind of pump jet - pu

size or capacity of pump \_\_\_\_\_; kind of power elec.

12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow 76' daily level gallons per minute;

well has been pumped at 15-20 gallons per minute continuously for \_\_\_\_\_ hours;

quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.

13. Use: For what purpose is the water used? \_\_\_\_\_

14. Quality of the water: \_\_\_\_\_; is there an analysis? \_\_\_\_\_  
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank James Malachuk  
Date 7/15/54 Address U.S.G.S. via phone

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.  
and 8/25/55 (underlined)

15 gpm  $\pm$   
at about 75'

U. S. GOVERNMENT PRINTING OFFICE 6-9642